

## TITLE OF THE INVENTION

5        **ROLLER TURRET INCLUDING ROLLERS MOUNTED ON SUPPORT  
PORTIONS OF ROLLER SHAFTS, WHICH ARE ECCENTRIC WITH  
RESPECT TO STUD PORTIONS FIXED IN HOLES IN TURRET BODY, AND  
METHOD OF MANUFACTURING THE ROLLER TURRET**

*Sh*        This is a Division of Application No. 09/895,405 filed  
July 2, 2001, <sup>now U.S. Patent No. 6,622,360</sup> which in turn is a Division of Application No.  
10        09/399,724 filed September 20, 1999 now U. S. Patent No.  
6,279,219 issued August 28, 2001. The entire disclosures of  
the prior applications are hereby incorporated by reference  
herein in their entireties.

15        This application is based on Japanese Patent  
Application No. 10-269263 filed September 24, 1998, the  
content of which is incorporated hereinto by reference.

## BACKGROUND OF THE INVENTION

### Field of the Invention

20        The present invention relates in general to a roller  
turret, a method of manufacturing the roller turret, a  
roller turret cam index device, and a roller turret type  
rotary motion transmitting device, and more particularly to  
techniques for improvement of accuracy of pitch of rollers  
used in the roller turret.

### Discussion of the Related Art

25        Generally, a roller turret includes a turret body  
rotatable about an axis thereof, a plurality of roller  
shafts provided on the turret body, and a plurality of  
rollers rotatably supported by the respective roller shafts.  
30        Each of the roller shaft includes a stud portion fitted in a  
mounting hole formed in the turret body, and a roller  
support portion which is concentric or coaxial with the stud  
portion and which supports the roller rotatably. The roller  
support portion of the roller shaft is disposed outside the